

Title (en)
Footwear with retractable studs

Title (de)
Schuhwerk mit einziehbaren Spikes

Title (fr)
Chaussure avec clous rétractables

Publication
EP 1621093 A2 20060201 (EN)

Application
EP 05076598 A 20050708

Priority
US 90304004 A 20040730

Abstract (en)
Footwear having retractable studs (22) that provide enhanced traction on slippery surfaces when engaged. A pull cord (38) attached to a plate within the sole of the shoe allows the studs to engage. The working parts of the shoe can be easily taken apart for cleaning or de-icing. An alternative embodiment of the shoe has a mechanism similar to that of a conventional ball point pen which is used to effectively engage or retract the studs.

IPC 8 full level
A43C 15/14 (2006.01)

CPC (source: EP US)
A43C 15/14 (2013.01 - EP US)

Citation (applicant)
• US 4825562 A 19890502 - CHUANG SHOON-TSAIR [TW]
• US 4821434 A 19890418 - CHEIN CHUNG-MIN [TW]
• US 6058627 A 20000509 - VIOLETTE RICHARD R [US], et al

Cited by
ITLU20110001A1; ITAN20120147A1; EP3590378A1; CN110680044A; US8347527B2; EP3165116A1

Designated contracting state (EPC)
DE FR GB IT

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